

# Kansas Department of Health and Environment

## Bureau of Environmental Remediation, Remedial Section

### VCP/Brownfields



## *Joint Effort Facilitates Redevelopment of Brownfields Property*

### **Background:**

Leavenworth made an application to the Voluntary Cleanup and Property Redevelopment Program (VCPRP) in response to Kansas Department of Health and Environment (KDHE) Brownfields Targeted Assessment (BTA) findings of petroleum contamination ranging up to 96,000 mg/kg of the Heritage Court property. BTA activities were performed to address environmental concerns associated with historical land use redevelopment consideration. Prior to 1988, the subject property has had an extensive industrial history, specifically stove manufacturing and steel manufacturing/fabrication, dating back to the mid 1800s.

### **Solution:**

Voluntary Cleanup Plan activities consisted of excavation and offsite disposal of petroleum-impacted soil. Soil removal occurred in two specific areas, Excavation 1 and Excavation 2, to mitigate the soil contamination characterized.

Approximately 345 cubic yards of petroleum-impacted soil were removed from Excavation 1 and Excavation 2. Impacted soils were removed and treated off-site. Post removal soil data sampling indicated removal actions effectively addressed the petroleum contamination. Therefore a No Further Action determination was issued for the property. Redevelopment occurred after the NFA decision and the property is now a carousel museum.



*Excavated drum before taken off-site*



*Contaminated soil excavation and removal.*

### **Benefits:**

- 345 cubic yards of petroleum-impacted soil removed.
- Property redeveloped into riverfront carousel museum.